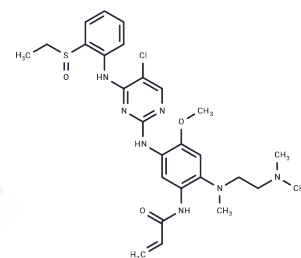


ALK/EGFR-IN-1

Chemical Properties

CAS No. :	2730430-08-5
Formula:	C ₂₇ H ₃₄ ClN ₇ O ₃ S
Molecular Weight:	572.12
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	ALK/EGFR-IN-1 (Compound 8l) is a dual inhibitor targeting both ALK and EGFR, effectively blocking their phosphorylation. It demonstrates potent inhibition of ALK/EGFR mutants with IC ₅₀ values of 4.3 nM for EGFR L858R T790M in H1975 cells and 3.6 nM for EML4-ALK in BaF3 cells. This compound may be applicable in the research of non-small cell lung cancer (NSCLC) [1].
Targets(IC ₅₀)	Apoptosis,EGFR,ALK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7479 mL	8.7394 mL	17.4789 mL
5 mM	0.3496 mL	1.7479 mL	3.4958 mL
10 mM	0.1748 mL	0.8739 mL	1.7479 mL
50 mM	0.035 mL	0.1748 mL	0.3496 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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